

Attachment 1

Highly Recommended California Projects In Alphabetical Order by Category

A. Public Computer Centers:

1. Applicant Name: Amador Tuolumne Community Action Agency **Applicant ID:** 5473

Project Area: Alpine, Amador, Calaveras, Mariposa and Tuolumne Counties

Project Title: Central Sierra Connect Neighborhood Information Center Project

Project Description Central Sierra Connect Neighborhood Information Center Project (CSC) will leverage a network of new and existing public computer centers, including some specifically targeted at unserved communities. In partnership with regional ISPs, CBOs, human service agencies and businesses, CSC will provide computer literacy training from basic computer instruction to high-level certifications

Project Cost: \$1,225,000

Households/Users Served: Users: 8,725; Public Computer Centers: 10

Jobs: 100 new jobs will be created, 25 jobs will be retained.

Matching Funds: 20%

BTOP Goals:

Underserved: Project serves underserved areas.

Wide Range of Anchor Institutions and Vulnerable Populations: Major Anchor Tenants include the Amador-Tuolumne Community Action Agency with 12 Head Start Centers, the region's only homeless shelters and transitional shelters, ATCAA Food Bank, Energy and Weatherization, regional youth mentoring programs, area allied Neighborhood Information Centers, YES Partnership youth drug prevention program, and three Community Centers; all four counties Administration and Board of Supervisors, Sheriff's Departments and Libraries, local community colleges, medical and healthcare providers, and other community support organizations.

Public Safety Agencies: Sheriff's department will be served

Stimulates Demand for Broadband, Economic growth and Job Creation: CSC will leverage the existing public computer centers located throughout the five-county region and establish new public computer centers focusing on job training skills and broadband accessibility. CSC and its partners developed a comprehensive training course, based on the Targeted Technology Training Program developed by ZeroDivide and Connecting Stanislaus. 100 individuals will be placed on stipend-based internships and full time living wage jobs. 500 residents will receive subsidized connectivity for the term of the grant and a free or low cost refurbished computer. 5,000 residents will be reached through broadband awareness efforts and 2,500 low income and vulnerable persons will receive training to boost their ability to receive jobs with digital literacy skills.

BTOP Priorities:

Health Care Delivery: Medical and health care providers will be served

Education: Local community colleges will be served

Children: Regional youth mentoring programs, YES Partnership youth drug prevention program

2. Applicant Name: Califa **Applicant ID:** 4387

Project Area: Statewide – 136 Public Libraries in 20 counties throughout the state

Project Title: Free2 Connect 4 Success

Project Description: The "Free2 Connect 4 Success" project will address the critical need to expand public Internet access facilities in the state's public libraries by providing 136 libraries throughout the state with laptops, wireless routers, and information resources to assist job seeking. Participating libraries will provide their communities with around-the-clock free Internet access with their WiFi facilities.

Project Cost: \$3,203,952

Households/Users Served: 136 public libraries in 20 counties throughout state.

Matching Funds: 20.8%

Jobs: Direct: 11 jobs; Indirect 9; Induced 10

BTOP Goals:

Underserved: Projects serves underserved broadband areas.

Wide Range of Anchor Institutions and Vulnerable Populations: Program target is 136 public libraries who lack laptops to lend and adequate WiFi access to extend public access to the Internet. Program also targets unemployed persons using the library to prepare a resume, learn digital literacy, and apply for jobs online. Public libraries are heavily used by seniors, low income, and those without computers or broadband access.

Stimulates Demand for Broadband, Economic growth and Job Creation: Each partner public library will be provided with 10 laptop computers. Staff of each participating library will be trained to guide users through the resources and identify possible training needs and employment opportunities that are available in the community. 113 of these libraries will be provided with wireless routers to accommodate the increased load and increase public access. By locating the wireless routers to provide access in the vicinity outside of the library, they will provide around the clock Internet access to their communities.

BTOP Priorities:

Children: These 136 upgraded Public Computer Centers will serve a wide range of patron needs, including K12 education (after school computer access).

Education: These 136 upgraded Public Computer Centers will serve a wide range of patron needs, including K12 and adult education during hours schools or colleges are not open.

Health Care Delivery: These 136 upgraded Public Computer Centers will serve a wide range of patron needs, including health care and e-government from health care agencies.

3. Applicant Name: California Emerging Technology Fund Applicant ID: 5046

Project Area: Statewide

Project Title: Digital Literacy for All

Households/Users Served: Users 570,544; Public Computer Centers: 27

Project Description: Digital Literacy for All (DLA) brings to scale a network of 27 public computer centers located in six California high-priority regions, combining anchor institutions, business, education, and community-based resources. DLA creates the next generation of public computer centers, enabling individuals to gain Internet access and the digital literacy skills needed to participate fully in society. The six priority regions are: San Francisco Bay Area (East Bay), Los Angeles (East and South), Inland Empire (Riverside), Sacramento Valley (South Sacramento), San Diego/Imperial (San Diego), and San Joaquin Valley (Fresno and Patterson).

Project Cost: \$8,448,961

Matching Funds: 33.7%

Households/Users Served: Users 570,544; Public Computer Centers: 27

Jobs: Direct: 217; Indirect 138; Induced 78

BTOP Goals:

Underserved: Create 27 public computer centers in six regions of California with low penetration rates, targeting vulnerable populations; Increase household adoption of broadband technology in high-priority, low-income communities in California (8,377 new households will subscribe to broadband services)

Wide Range of Anchor Institutions and Vulnerable Populations: Within the priority regions/communities, CETF and its partners have targeted Latinos, Native Americans, low-income individuals, and persons with disabilities.

Stimulates Demand for Broadband, Economic growth and Job Creation: 217 residents will be placed in full time living wage jobs. Increase household adoption of broadband technology in high-priority, low-income communities in California (8,377 new households will subscribe to broadband services)

BTOP Priorities:

Education and Children: 28,556 youth and adults will gain digital literacy skills

B. Sustainable Broadband Adoption

Applicant Name: California Emerging Technology Fund **Applicant ID:** 5047

Project Area: Statewide

Project Title: Access to Careers and Technology

Project Description: CETF will co-invest with NTIA to create Access to Careers and Technology (ACT), a scalable workforce development program. ACT builds on the capacities of community organizations and anchor institutions, who are results-producing CETF grantees and partners, to enable access to broadband and jobs in six high-priority regions with persistently high poverty and low levels of broadband adoption.

Project Cost: \$11,062,276

Matching Funds: 35.7%

Households/Users Served: Households: 8,537; Businesses: 450; Anchor Institutes: 28

Jobs: Direct 2,647; Indirect 1,683; Induced: 951

BTOP Goals:

Unserved: Focuses on six regions of the state where broadband adoption is lowest.

Wide Range of Anchor Institutions and Vulnerable Populations: Targeting Latino, Native Americans, low income, and persons with disabilities

Stimulates Demand for Broadband, Economic Growth and Job Creation: Increase employment and reduce poverty by enabling low-income residents to gain technology skills to enter ICT jobs. Prepare low-income individuals for technology-based careers through extensive vocational training programs that result in recognized certifications

BTOP Priorities:

Education: Assists youth and adults

Children: 8,270 youth to obtain technology skills

Jobs: Statewide vocational training resulting in advanced technology certificates for adults. Digital literacy training.

Applicant Name: University of California, Davis **Applicant ID:** 4871

Project Area: Statewide

Project Title: California Telehealth Network eHealth Broadband Adoption

Project Description: This project is proposed by the California statewide telehealth project in which \$22 million of FCC Rural Health Care Pilot Program money and \$4 million from these partners -- the University of California, the California Emerging Technology Fund, the California Teleconnect Fund, the National Coalition for Health Information, the California HealthCare Foundation, and United Healthcare -- has been invested. The California Telehealth Network is expected to transform health care delivery in California and be a major network to carry cutting edge telehealth applications and health information exchange/electronic medical records to 863 health care sites. This SBA project supports sustainability of California's Telehealth Network, creates wide spread reliance on broadband applications by delivering multi-faceted training in partnership with libraries, community colleges, health organizations and public safety sites. It also establishes best practice Model eHealth Communities to demonstrate the transition to technology-enabled health delivery.

Project Cost: \$13,822,296

Matching Funds: 33.8%

Households/Users Served: Users: 52,845; Anchors Institutions (health care facilities): 863

Jobs: Direct: 22; Indirect: 41; Induced 36

BTOP Goals:

Unserved: 56% of CTN health care sites are in Broadband Adoption Unserved areas; significant Native American tribes will be served.

Underserved: Yes

Wide Range of Anchor Institutions and Vulnerable Populations: Libraries will serve as anchor institutions to support consumer healthcare broadband literacy. Healthcare providers will have skills to teach people to effectively utilize web-based tools to manage their health. Significant number of tribes served by project.

Public Safety: In Model eHealth communities, public safety anchor sites will receive eHealth equipment to accelerate the adoption of broadband-reliant applications.

Stimulates Demand for Broadband, Economic Growth and Job Creation: Yes

BTOP Priorities:

Health Care Delivery: This project will establish Model eHealth Communities selected to demonstrate successful transitions to technology-enabled health delivery. Healthcare and public safety anchor sites in Model eHealth Communities will receive eHealth equipment to accelerate the adoption of broadband-reliant applications.

Healthcare providers will have skills to teach people to effectively utilize web-based tools to manage their health.

Education: In Model eHealth Communities, community colleges will use technology adoption for healthcare workforce courses and offer consumer health courses

Applicant Name: ZeroDivide **Applicant ID:** 5507

Project Title: Tribal Digital Village Broadband Adoption Program

Project Description: ZeroDivide's "Tribal Digital Village Broadband Adoption Program" will increase broadband adoption from the 17% current baseline usage to 70% (4,800 new broadband users) among members of 19 Native American tribes in rural Southern California. This will be accomplished through outreach and public awareness, digital literacy training, content creation, and establishment of sustainable business models.

Project Cost: \$986,060

Households/Users Served: Users: 4,800; Anchor Institutions: 30

Matching Funds: 30.4%

Jobs: Direct 4; Indirect: 3; Induced 4

BTOP Goals:

Unserved: Service to unserved areas serving Native American Tribes in rural Southern California

Underserved: Service to underserved areas serving Native American Tribes in rural Southern California.

Wide Range of Anchor Institutions and Vulnerable Populations: 19 Native American tribes in rural Southern California will be served. The reservations are primarily located in San Diego County, California, and are scattered within an area beginning in southern Riverside County, California, and stretching southward 150 miles to the U.S.-Mexico border. Project will increase broadband adoption from the 17% current baseline to 70% (4,800 new users) in 19 tribes. Basic & Advanced Digital Literacy/Technology Training: 40-60 training sessions teaching broadband application skills conducted in 31 community anchor institutions. Participants will also have the option to obtain a free computer from the San Diego Futures Foundation.

Stimulates Demand for Broadband, Economic growth, and Job Creation: 8,900 tribal members will be reached. This program will result in 4,000 new broadband users at 2,000 tribal homes, 750 new users at community anchor institutions, and 50 new business users-for a total of 4,800 new users. Combined with the existing 1,500 broadband users, there will be a total of 6,300 broadband users at the end of this program. Also, TDV will redesign its website to support distribution of more robust content, tribal government services, and community content. In addition, the program will train participants in advanced broadband applications including digital video production, sound engineering, graphics, website development and the use of social media.

BTOP Priorities:

Health Care Delivery: Digital literacy programs will increase access of tribal members to health resources on the Internet and telehealth applications.

Education: Increased access to Internet will enhance educational opportunities for tribal students of all ages.

Children: Tribal Digital Village shadow project for youth.

C. Comprehensive Community Infrastructure

Applicant Name: California Broadband Cooperative, Inc. **Applicant ID:** 5569

Project Area: Eastern Sierra (between Carson City, NV and Barstow, CA)

Project Title: Digital 395 Middle Mile

Project Description: Digital 395 is a 583 mile fiber optic network between Carson City, Nevada and Barstow, California providing Middle Mile broadband and route diversity to 15% of California. It will serve 25,949 households, 2571 businesses, 237 anchors, and 68 Points of Interest in the Eastern Sierra. The Cooperative represents a CPUC-funded public-private partnership aimed at long-term economic development

Households/Users Served: 25,949 households, 2571 businesses, 237 anchors, and 68 Points of Interest

Project Cost: \$101,494,218

Matching Funds: 20%

Jobs: Direct: 416; Indirect: 292; Induced: 399

BTOP Goals:

Unserved: Will serve unserved areas

Underserved: Will serve underserved areas

Improves Broadband Access to a Wide Range of Anchor Institutions and Vulnerable Populations: 6 Indian reservations, 36 communities, 237 anchor institutes. Anchor institutes include two military bases, courthouses, municipal utilities, regional federal offices for BLM, USFS, and miscellaneous other agencies.

Public Safety: Serves public safety and two military installations

Stimulates Demand for Broadband, Economic Growth and Job Creation: Major regional middle mile project in an area that is unlikely to have private carriers serve it

BTOP Priorities:

Middle Mile Component: Yes

New or Upgraded Service to Community Anchor Institutes: Yes

Public Private Partnership with Those With Demand or Need for Better Access: Yes

Economically Distressed Area: Yes

Community Colleges Served: Yes

Public Safety Served: Yes

Applicant Name: Cvin, LLC/CENIC **Applicant ID:** 6451

Project Title: The Central Valley Next Generation Broadband Infrastructure Project

Project Area: 18 Counties in the Central Valley of California

Project Description: CVIN/CENIC will build a 1371 mile fiber-optics infrastructure through 18 California counties: Amador, Calaveras, Colusa, El Dorado, Fresno, Kings, Kern, Mariposa, Merced, Madera, Nevada, Placer, San Joaquin, Stanislaus, Sutter, Tuolumne, Tulare & Yuba providing direct fiber connectivity to 63 anchor institutions & access by another 40 anchor sites & hundreds of thousands of businesses & residences. This new infrastructure will be linked to CENIC's advanced statewide backbone and to the Internet. The key goal is to directly connect primary anchor institutions to this infrastructure via direct fiber or by a circuit at 1GE to 10 GE speeds.

Project Cost: \$ 66,599,667

Households/Users Served: Households: 1,549,008; Businesses: 161,570; Anchor Institutions: 63

Matching Funds: 30%

Jobs: Direct: 283; Indirect: 180; Induced: 261

BTOP Goals:

Unserved: Yes

Underserved: Yes

Improves Broadband Access to a Wide Range of Anchor Institutions and Vulnerable Populations: Direct fiber connectivity to 63 anchor institutions and access by another 40 anchor sites. 63 anchor sites will be connected directly by fiber: 14 community college districts & colleges, all 19 County Offices of Education sites, the three California State universities, 20 County and Main libraries, 7 public safety sites.

Public Safety: Yes, at least seven public safety sites

Stimulates Demand for Broadband and Economic Growth and Job Creation: 1,549,008 households and 161,570 businesses

BTOP Priorities:

Middle Mile Component: Yes

New or Upgraded Service to Community Anchor Institutes: Yes.

Public Private Partnership with Those With Demand or Need for Better Access : Yes

Economically Distressed Area: Yes, Over 57% of the Central Valley is classified as either unserved or underserved by broadband infrastructure, the per capita income in 2007 was \$29,790, 29% below the state average, and some counties are now ranked among the poorest in the nation.

Community Colleges Served: Yes, 14 community college districts and colleges

Public Safety Served: Yes, at least 7 public safety sites. Cvin/CENIC is working with the Northern Planning Area of California (NPAC) & the Central Planning Area of California (CPAC) groups, under California's Statewide Interoperability Executive Committee (CalSIEC), to develop plans for regional Emergency Services Networks utilizing this infrastructure & the CENIC statewide backbone to interconnect the major Public Safety Answering Points (PSAPs) located throughout the region. Initially, 7 major sites in the CPAC 7- county region will be directly connected by fiber. Planning continues to link major sites in the other 11 counties and to find last mile solutions for the other 60-70 PSAPs.

Last Mile Component: Yes

Applicant Name: Imperial County Office of Education

Applicant ID: 6055

Project Title: IVTA CCI Project

Project Area: Imperial County, CA

Project Description: Imperial County Office of Education, on behalf of the Imperial Valley Telecommunications Authority, will install 42 miles of fiber optic cable. These installations will complete four major "community loops" preparing the network to fully support public safety agencies. In addition, 20 new community anchor institutions will be connected -- delivering service to our most vulnerable communities. The communities touched by the new work are Calexico, Niland, El Centro, Holtville, Imperial, and Brawley.

Household/Users Served: Households: 27,274; Businesses: 2544; Anchor Institutes 20

Project Cost: \$2,797,530

Matching Funds: 25.1%

Jobs: Indirect: 20; Induced 10

BTOP Goals:

Unserved: Yes

Underserved: Yes

Improves Broadband Access to a Wide Range of Anchor Institutions and Vulnerable Populations: Yes

Public Safety: Yes. Through the project, IVTA will close four major community loops in the network. Closing these loops is critical for public safety and emergency services operations.

Stimulates Demand for Broadband and Economic Growth and Job Creation: Yes

BTOP Priorities:

Middle Mile Component: Yes

New or Upgraded Service to Community Anchor Institutes: Yes

Public Private Partnership with Those with Demand or Need for Better Access: Yes

Economically Distressed Area: Yes

Community Colleges Served: Yes, community college is a Hispanic Serving Institution

Public Safety Served: Yes

Attachment 2
Recommended California Projects
In Alphabetical Order by Category

Comprehensive Community Infrastructure

<u>Applicant Name</u>	<u>App. ID</u>	<u>Project Name</u>
City of Grover Beach	6411	Grover Beach Municipal Network
City of Oakland (Inc.)	6305	OaklandWEB
City of Richmond	7344	Richmond Broadband Accessibility Project
Elk Grove Unified School District	4384	Broadband Education Services Technology Network Phase III
Los Angeles Community College District	7509	Connect LA /CCD
Nevada County Economic Resource Council Inc.	6145	Nevada County Connected
Redwood Telephone, LLC	7299	Northern California Open Community Fiber Network

Sustainable Broadband Adoption

<u>Applicant Name</u>	<u>App. ID</u>	<u>Project Name</u>
City and County of San Francisco	6890	San Francisco Community Broadband Opportunities Program
City of Los Angeles	4841	Los Angeles Constituent Access Resource to E-government Services
Coachella Valley Unified School District	6900	The Digital Advantage Program ' Coachella Valley Unified School District Student Laptop Program
EMSAT: Advanced Technology For Emergency Medical Services	7802	Next Generation EMS Communications, Emerging Disease Detection and Response Network - Los Angeles
Foundation for California Community Colleges	6303	California Connects
San Diego County Office of Education	6730	CloudConnect
Youth Policy Institute Inc.	6539	YPI Family Technology Project

Public Computer Centers

<u>Applicant Name</u>	<u>App. ID</u>	<u>Project Name</u>
City and County of San Francisco	6322	San Francisco Community Broadband Opportunity Program
City of Firebaugh	6542	City of Firebaugh and Rural Anchor Partners Expanding Technology through Public Community Centers
Dept. of Education, Orange County	4390	Project Access
Los Angeles Unified School District	5068	LAUSD Mobile Internet Computer Access Program
North Orange County Community College District	6767	Connect, Be Connected, Stay Connected
Regents of the University of California	7797	Latino Health Information Technology Empowerment Project
Youth Policy Institute Inc.	5840	YPI Public Computer Centers Program

Attachment 3
Identification of Unserved and Underserved Areas

We urge NTIA to use the California broadband map for unserved and underserved area identification found at the following public weblink:

<http://www.cpuc.ca.gov/PUC/Telco/Information+for+providing+service/Broadband+Availability+Maps.htm>

This is the most current map that exists for broadband in California, using as base maps the mapping performed in 2006-2007 as part of the California Broadband Task Force, and updated with recent information from our state video franchise holders who offer broadband, as well as grants of the CPUC's California Advanced Services Fund, a state funded broadband grant program. As a state that has performed its broadband mapping, California strongly recommends that the NTIA will consult our broadband maps when evaluating BTOP applications.

Questions about California's submission may be directed to:

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